

G1760

TABLE I				TABLE II			TABLE III		TABLE IV						
SHELL SIZE	CONN SYM	A THREAD CLASS 2B	B DIA	CLAMP SIZE	CABLE RANGE MIN	CABLE RANGE MAX	C DIM	SYM	FINISH DESCRIPTION	SYM	ATTACHMENT TERMINUS	SYM	DESCRIPTION	DATE	APPROVED
85	L	3/8-24UNF	.627	1	.902	1.25	1.031	A	CADMIUM PLATE / BRIGHT DIP	R	WITHOUT CHAIN ATTACHMENT			10-18-76	W. A.
85	H	7/16-27UNS	.625	2	1.25	2.50	.937	E	GOLD BRIDGE						
85	J	7/16-28UNF	.625	3	2.50	3.75	1.031	J	GOLD BRIDGE OVER CADMIUM PLATE OVER NICKEL PLATE						
105	HJLN	1/2-28	.687	4	3.00	3.75	1.125	K	HARD CHROME						
105	M	9/16-24	.687	5	4.00	4.25	1.187	L	CADMIUM PLATE / BRIGHT DIP OVER ELECTROLESS NICKEL						
105L	MN	9/16-24	.687	6	5.00	5.25	1.312	M	ELECTROLESS NICKEL						
105L	HJLN	5/8-24	.812	7	7.50	8.75	1.437	N	CADMIUM PLATE / OLIVE DRAB OVER NICKEL PLATE						
105L	HJLN	5/8-24	.812	8	8.00	1.000	1.562	P	NICKEL PLATE						
125L	H	3/4-20	.937	9	1.000	1.125	1.687	T	CADMIUM PLATE OVER NICKEL PLATE						
125L	HJLN	11/16-24	.812	10	1.125	1.250	1.812	W	LEACHED BRIDGE						
145	HJLMN	3/4-20	.937	11	1.250	1.475	2.186	Y	GOLD BRIDGE OVER CADMIUM PLATE						
165	HJLMN	7/8-20	1.062	12	1.375	1.500	2.291	Z	SPECIAL PER PURCHASE ORDER						
12	LW	5/8-24	.812	13	1.500	1.625	2.406								
12	HM	11/16-24	.812	14	1.625	1.750	2.531								
14	HJLMN	3/4-20	.937	15	1.750	1.875	2.656								
16	HJLMN	7/8-20	1.062	16	1.875	2.000	2.781								
18	HJLMN	1-20UNF	1.187												
20	J	1-1/8-20UNS	1.312												
20	HJLMN	1-1/8-18UNF	1.312												
22	HJLMN	1-1/4-18	1.437												
24	HJLMN	1-3/8-18	1.562												
28	HJLMN	1-5/8-18UNF	1.812												
32	LWN	1-7/8-16UN	2.062												
32	HJ	1-29/32UNS	2.062												
36	L	2-1/16-16UN	2.312												
36	J	2-1/16-20UNF	2.312												
36	MN	2-1/8-16UN	2.312												
40	L	2-5/16-16UNS	2.562												
40	HMN	2-3/8-16UN	2.562												
44	HJN	2-5/8-16UN	2.875												
48	N	2-13/16-16UNS	3.125												
48	H	2-7/8-16UN	3.125												

TABLE V	
SYM	MANUFACTURE AND SERIES DESCRIPTION
H	AMPHENOL A MS 3100 01 06 (97 SERIES)
J	AMPHENOL R MS 3100 01 06 (69 SERIES)
J	BENDIX A MS 3100 01 06
L	BENDIX EAR MS 3100 01 06
M	CANNON A MS 3101 06
N	CANNON EAR MS 3100 01 06 (CALOQ 01 06)
A	NS MS 3100 01 06

NOTES:

- ASSEMBLY IDENTIFIED PER MIL-STD-130.
- STD MIN LENGTH FOR ONE PIECE: 1.5. FOR TWO PIECE: 1.875. FOR SHORTER LENGTH, CONSULT FACTORY.
- WHEN CABLE DIAMETER EXCEEDS INSIDE DIAMETER OF CONNECTOR SHELL, TWO PIECE ADAPTER WILL BE SUPPLIED.
- FOR EFFECTIVE GROUNDING, CONNECTOR WITH CONDUCTIVE FINISH SHOULD BE USED.
- WHEN SHELL SIZES WITH MORE THAN ONE THREAD SIZE ARE SPECIFIED, MULTIPLE FRONT ADAPTERS WILL BE SUPPLIED.
- WHERE PREVIOUS DOCUMENTATION EXISTS, SYM X MAY BE USED, WHEREVER SYM L IS CALLED OUT.
- USE IN CONJUNCTION WITH GLENAIR WRENCHES, GTS0150 TORQUE AND TGY0 STRAP.

MATERIAL/FINISH:

ADAPTERS, CLAMP, FERRULE, GLAND NUT, GROMMET FOLLOWER - AL ALLOY/SEE CLAMP HARDWARE, RIVET, STRAP - CRES/PASSIVATE TABLE III
 LOCKWASHER, NUT, SCREW - STEEL/CAD PLATE
 SEAD ATTACHMENT - BRASS/NICKEL PLATE
 GROMMET, O-RINGS - NEOPRENE, N. A.
 WASHER - NYLON/N. A.

PART NUMBER DEVELOPMENT

EXAMPLE: G1760

BASIC NO. 14

CONN SYM, TABLE V: A

SHELL SIZE, TABLE I: 5

FINISH SYMBOL, TABLE III: A

OMIT FOR CAD/D: 2, 25

CLAMP SIZE, TABLE II: C

ATTACHMENT TERMINUS, TABLE IV: A

LENGTH IN INCHES: A

SYMBOL C = GLAND NUT

OMIT FOR CLAMP ASSEMBLY

SEE INDIVIDUAL PARTS LISTS				
ITEM	REQ'D	PART NO	DESCRIPTION	FINISH OR SPEC
UNLESS OTHERWISE SPECIFIED				
DIMENSIONS ARE IN INCHES				
TOLERANCES				
FRACTIONS ± .1/16				
DECIMALS ± .0005				
ANGLES ± .20				
DO NOT SCALE THIS DRAWING				
RF 4364		PK 39		

DRAWN		CHECKED		ENGR		APPROVED	
W. ALLEN	10-18-76						
GLENAIR, INC.				ADAPTER RFI ENVIRONMENTAL FOR MIL-C-5015 CONNECTORS			
RELEASE 10-19-76		CODE IDENT NO 06324		SIZE C		REV R	
DATE RELEASED 1-10-69		SCALE		WEIGHT		SHEET 1 OF 1	

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